MICHAEL DUTEAU

Software Developer

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SKILLS

Programming Languages:
Java, C++, C, Python, HTML, CSS, JavaScript, C#

Database Technology:
SQL, MongoDB, Amazon DynamoDB

Tools:
Microsoft Visual Studio, Visual Studio Code, GitHub, Amazon Web Services (AWS), Eclipse IDE, Node.js, Express.js, AngularJS, Microsoft ASP.NET Core MVC

Operating Systems Technology:
Microsoft Windows, Microsoft Office

EDUCATION

B.S. in Computer Science   Graduated: Sep 2024
Southern New Hampshire University | Manchester, NH
Software Engineering Concentration

GPA: 3.89

A.S. in Business Administration   Graduated: May 2016
Quinsigamond Community College | Worcester, MA 01606
GPA: 3.0

HONORS & AWARDS

President's List
Southern New Hampshire University
January 2022 - September 2024

EXPERIENCE

Guest Relations Representative/Daycamp Attendant/Floater   Sep 2012 - Present
The Barkwood Inn | Charlton, MA 01507
- Answers calls on a multi-line phone system to assist guests with information about the facility and facilitate booking reservations for future stays.
- Assists clients face to face with questions regarding the facility and pricing as well as expediting check-in and check-out processes.
- Enters data in database software regarding information about pets and booking dates.
- Supervises groups of 20 to 30 canines in an enclosed space in order to ensure safe play and guest well-being.
- Administers food and medication to unique specifications and maintains cleanliness of the entire facility.

PROJECTS

Leave Management System Web Application using C# ASP.NET Core   Feb 2025 - Apr 2025
 https://github.com/m-duteau/LeaveManagementSystem
- Web application for the purpose of supplying an organization with a solution for managing different types of leave that employees can request for time off.
- Utilizes the MVC architectural pattern in order to link information to the views that are presented to the user.
- Features both an employee view as well as an administrator view that allows administrators to enter new periods or leave types as well as review leave requests for approval or denial.

Node.js Chatbot for Twitch Streaming with Audio Player and OpenAI Integration   Dec 2024
 https://github.com/m-duteau/nodejs-chatbot
- Node.js application runs locally to monitor Twitch user's channel chatroom for command phrases and respond appropriately by either sending a response chat message, playing an audio file, or sending a request to OpenAI API.
- Bot.js script utilizes audio_player.py code to locate a locally stored .mp3 file and play the file using Python's playsound module, serving as an interactive soundboard for chatroom members.
- Bot.js also holds a function that accesses the OpenAI API. The user can determine the behavior of the OpenAI responses to simulate a helpful/entertaining bot assistant that chatroom members can interact with.